CLAIM LISTING

This claim listing, including the amendments made herein, replaces any previous set of claims for the above-referenced patent application.

1 - 30. (Canceled)

31. **(Currently Amended)** A device, comprising:

a port to receive a set of configuration parameter change requests within a transaction; and

a configuration manager coupled to said port to determine a corrected sequence for the **configuration parameter change requests within the** transaction via validation of a change request within the transaction by a module and coupled to the module to execute the set of configuration parameter change requests **in the corrected sequence**.

32. (Previously Presented) The device of claim 31, further comprising a management client module to bridge the change request from said port to said configuration manager.

33. (Previously Presented) The device of claim 31, further comprising a temporary configuration parameter change requests database coupled to said configuration manager to store data to determine the corrected sequence for the transaction.

34. (Previously Presented) The device of claim 31, wherein the module comprises circuitry coupled to said configuration manager to respond to a request for validation of the change request with a repeat call.

35. (Previously Presented) The device of claim 31, wherein the module comprises circuitry of a microprocessor coupled to said configuration manager and having a configuration parameter subject to the transaction to function as a run-time variable.

36. (Previously Presented) The device of claim 31, wherein the module comprises circuitry to receive the transaction coupled to circuitry to forward the transaction to said configuration manager.

37. (Previously Presented) The device of claim 36, wherein the circuitry to receive the transaction comprises a network management protocol module.

38. (Previously Presented) The device of claim 31, wherein said configuration manager comprises circuitry coupled to the module to request validation of the change request by the module.

39. (Previously Presented) The device of claim 31, wherein said configuration manager comprises circuitry coupled to the module to determine the corrected sequence for the change request within the transaction wherein the corrected sequence is based upon a response from the module.

40. (**Currently Amended**) The device of ~~claim 38~~ **claim 39**, wherein the circuitry coupled to the module to determine a corrected sequence comprises circuitry coupled to the module to receive the response and coupled to a temporary configuration parameter change requests database to associate the response with the change request.

41. (Previously Presented) The device of claim 31, wherein said configuration manager comprises circuitry coupled to the module to execute the set of configuration parameter change requests based upon the corrected sequence for the transaction.

42. (Previously Presented) The device of claim 41, wherein the circuitry to execute the set of configuration parameter change requests comprises circuitry coupled to the module to change a run-time variable of the module according to the change request.

43. (Previously Presented) In an embedded system, a method comprising:

receiving multiple configuration parameter change requests within a configuration parameter change request transaction;

determining whether the received configuration parameter change requests within the transaction are in an order capable of sequential execution;

re-ordering the requests to be in an order capable of sequential execution, if the requests are determined not to be in such an order; and

executing the configuration parameter change requests in the order to assign change-requested values to run-time variables.

44. (Previously Presented) The method of claim 43, wherein determining whether the received configuration parameter change requests are capable of sequential execution comprises a configuration manager requesting a servicing module to determine the order of the configuration parameter change requests.

45. (Previously Presented) The method of claim 44, wherein requesting the servicing module to determine the order further comprises receiving a valid acknowledgement for valid configuration parameter change requests and an out-of-order indication for configuration parameter change requests that are dependent upon updating of a different configuration parameter that has not yet been determined to be in an order of sequential execution.

46. (Previously Presented) The method of claim 44, wherein requesting the servicing module to determine the order further comprises the configuration manager re-requesting the servicing module to determine the order of a configuration parameter change request that failed on a previous request due to dependency on an out-of-order configuration parameter change request.

47. (Previously Presented) The method of claim 43, wherein re-ordering the requests further comprises storing in a temporary database the configuration parameter change requests in an order in which they are validated, and at the completion of validating requests, saving the temporary database as a current configuration database.

48. (Previously Presented) The method of claim 47, wherein executing the requests in the order comprises executing the requests in the order found in the temporary database that is saved as the current configuration database.

49. (Previously Presented) An article of manufacture comprising a machine-accessible medium having content to provide instructions to cause one or more devices in an embedded system to:

receive multiple configuration parameter change requests within a configuration parameter change request transaction;

determine whether the received configuration parameter change request within the transaction are in an order capable of sequential execution;

re-order the requests to be in an order capable of sequential execution, if the requests are determined not to be in such an order; and

execute the configuration parameter change requests in the order to assign change-requested values to run-time variables.

50. (Previously Presented) The article of manufacture of claim 49, wherein the content to provide instructions to cause the one or more devices to determine whether the received configuration parameter change requests are capable of sequential execution comprises the content to provide instructions to cause a configuration manager to request a servicing module to determine the order of the configuration parameter change requests.

51. (Previously Presented) The article of manufacture of claim 50, wherein the content to provide instructions to cause the configuration manager to request the servicing module to determine the order further comprises the content to provide instructions to cause the configuration manager to receive a valid acknowledgement for valid configuration parameter change requests and an out-of-order indication for configuration parameter change requests that are dependent upon updating of a different configuration parameter that has not yet been determined to be in an order of sequential execution.

52. (Previously Presented) The article of manufacture of claim 50, wherein the content to provide instructions to cause the configuration manager to request the servicing module to determine the order further comprises the content to provide instructions to cause the configuration module to re-request the servicing module to determine the order of a configuration parameter change request that failed on a previous request due to dependency on an out-of-order configuration parameter change request.

53. (Previously Presented) The article of manufacture of claim 49, wherein the content to provide instructions to cause the one or more embedded devices to re-order the requests further comprises the content to provide instructions to cause the one or more embedded devices to store in a temporary database the configuration parameter change requests in an order in which they are validated, and at the completion of validating requests, save the temporary database as a current configuration database.

54. (Previously Presented) The article of manufacture of claim 53, wherein the content to provide instructions to cause the one or more embedded devices to execute the requests in the order comprises the content to provide instructions to cause the one or more embedded devices

to execute the requests in the order found in the temporary database that is saved as the current configuration database.

55.   (Previously Presented) A system of embedded devices for servicing parameter change requests, comprising:

a configuration servicing node including:

a configuration manager to receive multiple configuration parameter change requests within a configuration parameter change request transaction, to request a determination of whether the received configuration parameter change request within the transaction are in an order capable of sequential execution, and place the requests in an order capable of sequential execution, if the requests are determined not to be in such an order;

a configuration parameter change request servicing module responsive to the configuration manager to effect the determination of whether the configuration parameter change requests are in an order capable of sequential execution, and execute the configuration parameter change requests in the order in which the configuration manager placed them to assign change-requested values to run-time variables; and

a transmission line coupled with the configuration servicing node.

56.   (Previously Presented) The system of claim 55, wherein the configuration manager to request a determination and the servicing module to effect the determination further comprises the configuration manager to request the determination from the servicing module, and the servicing module to send a valid acknowledgement for valid configuration parameter change requests and an out-of-order indication for configuration parameter change requests that are

dependent upon updating of a different configuration parameter that has not yet been determined to be in an order of sequential execution.

57.   (Previously Presented) The system of claim 55, wherein the configuration manager to request a determination and the servicing module to effect the determination further comprises the configuration manager to request the determination from the servicing module of multiple configuration parameter change requests and to re-request the determination for a configuration parameter change request that failed on a previous determination request due to dependency on a configuration parameter change request that had not yet been determined to be in an order of sequential execution.

58.   (Previously Presented) The system of claim 55, further comprising a temporary configuration database accessible by the servicing node, and wherein the configuration manager to place the requests in an order further comprises the configuration manager to store in the temporary database the configuration parameter change requests in an order of sequential execution determined by the servicing module, and at the completion of the determination requests, save the temporary database as a current configuration database.